

Converting Colors

XYZ(40.9158, 39.4659, 56.3824)

Have a look what the booklet for
XYZ(40.9158, 39.4659, 56.3824)
contains.

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Color

**XYZ(40.9663, 39.4365,
56.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A3C2
RGB	177, 163, 194
RGB Percent	69%, 64%, 76%
CMY	0.3059, 0.3608, 0.2392
CMYK	0.09, 0.16, 0.00, 0.24
HSL	267°, 20%, 70%
HSV	267°, 16%, 76%
XYZ	40.9663, 39.4365, 56.4918
YIQ	170.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

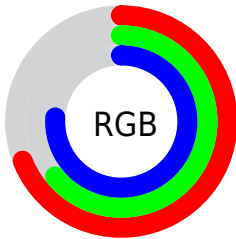
Format	Color
R_{YB}	177, 163, 194
Decimal	11641794
CIE _{Lab}	69.07, 11.02, -14.04
CIE _{LCh}	69, 17.852, 308.130
Yxy	39.4365, 0.2993, 0.2881
Android (android.graphics.Color)	4289831874 (0xFFB1A3C2)
YUV	170.7200, 11.4770, 5.5076
Hunter-Lab	62.7985, 6.5463, -9.3767

Details

The XYZ color **40.9663, 39.4365, 56.4918** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.7263, 50.9322, 42.1257**, and the grayscale version is **38.5141, 40.5199, 44.1261**.

A 20% lighter version of the original color is **76.0883, 74.4315, 101.6232**, and **18.7302, 17.5474, 27.2107** is the 20% darker color. If you saturate the color by 10%, you get **35.4531, 31.8680, 55.3221**, and if you desaturate by 10%, it is **47.1992, 48.1625, 57.8482**.

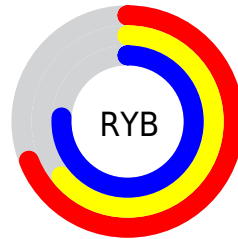
Distribution



Red (69%)

Green (64%)

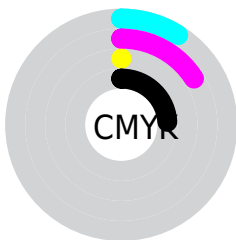
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

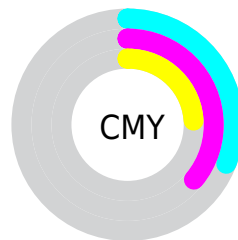


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9663, 39.4365, 56.4918 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.9663, 39.4365, 56.4918 by changing the saturation by 10% instead.

■ 40.9663, 39.4365,
56.4918

■ 40.9663, 39.4365,
56.4918

341.2447,
343.7427, 428.9826

■ 28.4803, 27.0995,
40.1907

■ 75.9078, 74.3047,
101.2162

■ 18.8303, 17.6479,
27.3724

■ 99.0939, 97.6046,
130.4767

■ 11.6510, 10.6975,
17.6182

126.5776,
125.3276, 164.8940

■ 6.5770, 5.8638,
10.5096

158.7240,
157.8581, 204.8867

■ 3.2430, 2.7625,
5.6281

195.8986,
195.5805, 250.8734

■ 1.2835, 1.0090,
2.5552

238.4666,

■ 0.1708, 0.0000,

238.8791, 303.2726

0.8692

286.7936,
288.1384, 362.5028

■ 0.0000, 0.0000,
0.0000

■ 40.9663, 39.4365,
56.4918

■ 40.9663, 39.4365,
56.4918

■ 35.4531, 31.8680,
55.3221

■ 47.1992, 48.1625,
57.8482

■ 30.6278, 25.4019,
54.3283

■ 54.1749, 58.0881,
59.3964

■ 26.4613, 19.9857,
53.5025

■ 61.9198, 69.2594,
61.1444

■ 22.9207, 15.5608,
52.8350

■ 70.4578, 81.7185,
63.0993

■ 19.9703, 12.0626,
52.3153

■ 78.1943, 92.2708,
64.7283

■ 17.5700, 9.4183,
51.9314

■ 81.7177, 94.0872,
64.8932

■ 15.6738, 7.5440,
51.6696

■ 85.4531, 96.0128,
65.0680

■ 14.2249, 6.3341,
51.5124

■ 86.7377, 96.6751,
65.1282

■ 13.7254, 5.9508,
51.4648

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.2628, 39.4365, 60.4069



40.9663, 39.4365, 56.4918



42.7971, 39.4365, 49.0490

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.9663, 39.4365, 56.4918



39.5598, 39.4365, 29.9703



32.3204, 39.4365, 45.1955

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.9663, 39.4365, 56.4918



44.7263, 50.9322, 42.1257

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.6285, 39.4365, 37.3599



40.9663, 39.4365, 56.4918



36.7142, 39.4365, 29.2129

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.9663, 39.4365, 56.4918



41.9568, 39.4365, 33.9677



34.2034, 39.4365, 31.7492



33.3395, 39.4365, 53.3668

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.9663, 39.4365, 56.4918



43.2257, 39.4365, 43.4532



34.2034, 39.4365, 31.7492



32.2732, 39.4365, 42.4301

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.9675, 39.4382, 56.4927



86.5920, 88.7830, 105.0427



41.1746, 44.3457, 57.4290



18.7739, 19.1757, 22.9617



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.9675, 39.4382, 56.4927



70.7600, 66.6655, 101.6081



44.6883, 41.3563, 56.6668



9.9506, 9.9657, 12.6839



9.1157, 3.9598, 33.8405



0.4731, 0.2120, 1.4659

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.5848, 40.9606, 48.7906



76.4103, 69.9536, 84.9204



41.3276, 49.1801, 41.9666



10.2991, 10.1682, 11.6656



16.3932, 8.2470, 9.9824



0.7427, 0.3701, 0.6123

Previews

White Background



This preview shows how the XYZ color 40.9663, 39.4365, 56.4918 looks on a white background.

Color Contrast Check

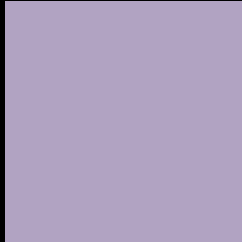
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.9663, 39.4365, 56.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

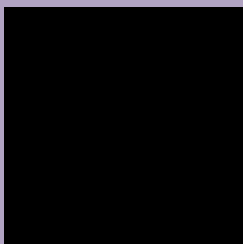
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9663, 39.4365, 56.4918

Background



This preview shows how black text looks on a background with the XYZ color 40.9663, 39.4365, 56.4918.



This preview shows how white text looks on a background with the XYZ color 40.9663, 39.4365,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.9663, 39.4365, 56.4918

Protanopia

39.0010, 39.4552, 58.3834

Deuteranopia

40.2466, 39.3302, 56.5092



Tritanopia

39.4521, 39.6411, 48.2200

Trichromacy



Original Color

40.9663, 39.4365, 56.4918

Protanomaly

39.7485, 39.5828, 57.7698

Deuteranomaly

40.4686, 39.4446, 56.5196

Tritanomaly

40.0114, 39.6011, 50.8823

Monochromacy



Original Color

40.9663, 39.4365, 56.4918

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3729, 40.1442, 48.3213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9663, 39.4365, 56.4918 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.9663, 39.4365, 56.4918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

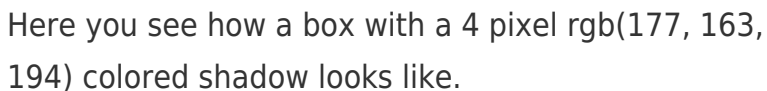
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 163, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(177, 163, 194) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(177, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 163, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 163, 194); box-shadow:4px 4px 4px 4px rgb(177, 163, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9663, 39.4365, 56.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
163, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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